



CELEBRATING
OUR CENTENARY



ENGINEERS
AUSTRALIA

Hall of Fame Inductees

Engineering Heritage Queensland

Alfred “Alf” McCULLOCH

FIEAust

1899 - 1969

INDUCTED IN 2005

Alf McCulloch served in the First World War in the Australian Flying Corps and graduated with First Class Honours in Mechanical and Electrical Engineering from the University of Queensland in 1922.

He progressed through the Queensland Electricity Supply Industry as junior engineer and rose to Superintendent of William Street Power Station for the City Electric Light Co. (CEL), Engineer Manager of Rockhampton City Council Electricity in 1926, Chief Engineer of Townsville Electricity and Water Authority in 1932, and then Chief Engineer of the CEL in 1938, which later became the Southern Electric Authority of Queensland (SEAQ).

From 1946, the demand for electricity increased rapidly and the war-strained systems suffered many failures. He played a major role in bringing CEL through these problems.

In 1952, the SEAQ was formed absorbing CEL and other organizations, and soon after Alf was named its Chief Engineer.

Queensland Government further rationalized the industry by making Brisbane City Council (BCC) responsible for electricity in the greater Brisbane area, while the South East Queensland Electricity Board (SEQEB) was made responsible for all generation in South East Queensland, plus bulk supply to BCC and reticulation through a large rural area.

He played a major role in this rationalization of the electricity industry in South East Queensland.

He served on various committees of the Commonwealth Scientific Industrial Research Organization and the Electricity Supply Association of Australia, consulted to electricity authorities in Tasmania and Western Australia and was an Australian delegate to a United Nations Conference on the peaceful uses of atomic energy.

engineersaustralia.org.au